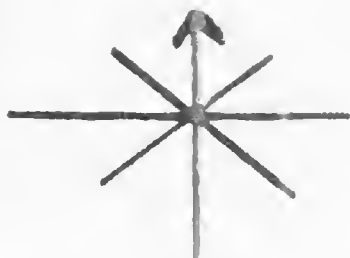


SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG -- E

C.H. Gilbert Cruise 77
(1) FIRST DAY

DATE 10 November 1964
Pg. # 1
STANDEN



	time	species	#	dir.	hgt.	remarks	loc.
	1115					Depart Kewalo Basin	
	1210	Frigatebird	1	1	1	-	
	1445	Shear Pet	1	1	1	-	
	1520	" "	1	2	2		
	1530	Frigatebird	2	3	3		
	1530	Booby	4	1	4	✓	
FLOCK FEED	1530	Shear Pet	8	3	10		
FLOCK	1535	Sooty Shear	150	1	150	- moving fast down to 3 SE	
	1535	Booby	1	2	5		
	1544	Sooty Shear	50	2	200		
	1545	" "	50	3	250		
	1546	Wedgetail	5	3	5	seen during last half hour among Sooty Shear.	
	1600	Sooty Shear	50	4	300		
	1600	Sooty Shear	100				
	1600	Wedgetail	5	1	400		
	1600	Hawaii Noddy	5	1	5	- seen among sooty shear.	
	1630	Sooty Shear	50				
FLOCK FEED	1645	Hawaii Noddy	40	5	450		
		Wedgetail	1	2	45		
	1700	END OBS					

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7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG -- E



DATE 11 Nov. 1964
Pg. # 1
STANDARD

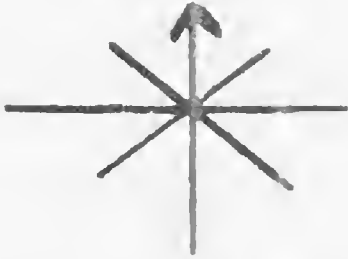
time	species	#	dir.	hgt.	remarks	loc.
0630					begin	
0640	wedgetail	2	1	2		
0650	"	1	2	3		
0700	END				North West coast of Oahu.	
1000	wedgetail	15	—	18		
	Sooty Shear	3	—	3		
1100	Booby sp.	8	—	8		
	wedgetail	2	—	20		
1101	Newells	1	—	1		
1105	wedgetail	5	—	25		
FL01A 1115	R.F. Booby	20	—	20		
1120	wedgetail	3	—	28		
1130	END					
1300						
1310	white tailed Tropic	1	0	1		
1315	wedgetail	1	—	24		
1321	Tern	1	1	7		
1332	wedgetail	1	—	30	— HEADING toward Kauai	
1335	Tern	2	—	3		
1336	wedgetail	1	—	31		
1345	"	1	—	32		
1355	"	1	—	33		
1432	Booby RF	2	—	28		
1505	wedgetail	1	—	34		
1506	Sooty Shear	4	—	7		
1519	wedgetail	1	—	35		
1523	"	1	—	36		
1538	Tern	1	—	4		
1540	wedgetail	2	—	38		
1540	Tropicbird	1	—	—	Sp. ?	
1600	wedgetail	1	—	39		
1600	white tail Tropic	1	—	2		
1610	wedgetail	1	—	40		
1613	Newells' Sh.	1	—	2	— Kauai sighted	
1623	wedgetail	2	—	47		
1629	R.F. Booby	1	—	23		
1633	wedgetail	4	—	46		
1646	Tern	2	—	5		
1648	white tail Tropic	1	—	3		
1659	Red Tailed Tropic	1	—	1		
1705	white tail T.B.	1	—	4		
1706	wedgetail	8	—	54		
1708	Tern	2	—	8		
1723	wedgetail	3	—	57		
1723	Booby Sp	2	—	10		
1730	wedgetail	8	—	65		
	END					

65
7
23
10
5
10
128
121

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SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG -- E
C.H. GILBERT CRUISE 77

DATE 12 November 1964
Pg. # 1



time	species	#	dir.	hgt.	remarks	loc.
0630					begin	
	Wedgetail	15	-	18	-	
0715					sunrise over west end of Kauai	
0716	Booby RF	2	-	2	-	
0717	wedgetail	3	-	18	-	
0740	wedgetail	35	-	53	-	
0741	Black footed albatross	1	-	1	-	
0750	RF Booby	2	-	4	-	
0751					scattered wedgetail too numerous to count	
0830	wedgetail	11				
	Booby RF	7		64		
	Sooty Tern	1		11		
0840	wedgetail	10		74		
	Frigate bird	1		1	♀ -	
0850	Brown Booby	2		2		
	Ha. Noddy	5		5		
	wedgetail	6		80		
0855	RF Booby	1		12		
	Ha Noddy	5		10		
	Brown Booby	3		5		
	Newell's sh.	1		1		
0900	wedgetail	15		95		
FLOCK	RF Booby	40		52	chasing flock	
	Ha Noddy	40		50		
	wedgetail	80		155		
	Brown Booby	10		15		
	Masked Booby	1		1		
	Frigate bird	8		9		
FLOCK	RF Booby	50		102		
	wedgetail	50		205		
	Ha. Noddy	50		100		
	Brown Booby	5		20		
	Frigate bird	2		11		
					chasing flock caught 55 AKU & took blood samples on all.	
1330						
FLOCK	RF Booby	35		137		
	wedgetail	20		225		
	Ha Noddy	20		120		
	Sooty Tern	20		21		
	Brown Booby	3		23		
	Frigate	2		13		

Between



KAUAI



AND



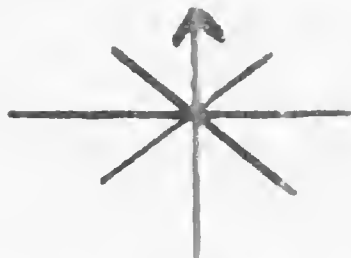
NIIHAU

DATE 12 Nov. 1964
Pg. # 2

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7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG -- E



DATE 13 Nov. 1964
Pg. # 1
STANDARD

time	species	#	dir.	hgt.	remarks	loc.
0653	_____				Sunrise OFF KAULA ROCK	
	Laysan Albatross	1	-	1	-	
	Blackfoot Albatross	2	-	2	-	
	Sooty Tern	4	-	4	-	
	Frigate	1	-	1	-	
0654	Wedgetail	4	-	4	-	
	RF Booby	1	-	1	-	
	Masked Booby	1	-	1	-	
	Wedgetail	4	-	8	-	
	RF Booby	1	-	1	-	
0703	Sooty Tern	10	-	14	-	
	Fairy Tern	2	-	2	-	
	Wedgetail	5	-	13	-	
0710	Storm Pet.	1	-	1	all dark forked tail	
	Sooty Tern	12	-	26	-	
	Wedgetail	4	-	17	-	
	Brown Booby	2	-	2	-	
	" "	1	-	3	-	
	" "	3	-	6	-	
	Sooty Tern	5	-	31	-	
	Masked Booby	1	-	2	-	
	Wedgetail	3	-	20	-	
	Brown Booby	12	-	18	-	
0800	Sooty Shearwater	2	-	2	-	
	Masked Booby	2	-	4	-	
	Brown Booby	10	-	28	-	
	RF Booby	4	-	5	-	
	Wedgetail	5	-	25	-	
	Common Noddy	2	-	2	1 dark phase	
0815	Brown Booby	8	-	36	-	
	Wedgetail	3	-	28	-	
0903	Storm Pet	1	-	1	white lump	
0913	Sooty Shear	15	-	17	-	
0925	Sooty Tern	2	-	33	impossible to keep count of scattered Booby (Brown) about ship	
0935	White tail Tropic	1	-	1	-	
0947	Sooty Shear.	8	-	25	-	
0953	Storm Pet	1	-	2	white lump	
	Frigate Booby	4	-	5	-	

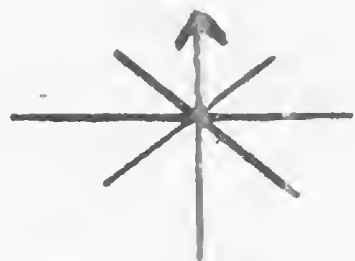
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SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG -- E

C. H. Gilbert Cruise 77

DATE 13 Nov. 1964
Pg. # 2

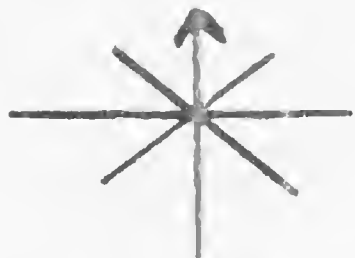
Stander



	time	species	#	dir.	hgt.	remarks	loc.
FLOCK	1130	Brown Booby	20	-	56		Fairy Tern. 2
		RF. Booby	2	-	7		Sooty Sh. 25
		Ha Noddy	100	-	100	-	St. Pet w. 2
		Common Noddy	50	-	52		WTTB 1
		Blue gray Noddy	4	-	4	-	
		Frigate bird	35	-	40		
		Wedgetail	50	-	78		
		Sooty Tern	20	-	45		
	1245					STILL CHASING FLOCKS NO FISH-YET.	
FLOCK	1315	WTTB	1	-	2		
	1330	NO WATCH.					
	1500	Wedgetail	1	-	79		
		RF Booby	1	-	8		
	1530	Wedgetail	3	-	82	OFF NIIHAU	
		RF Booby	1	-	9		
	1534	Sooty Shear	1	-	20	↓	
	1543	Wedgetail	1	-	27	HEADING towards	
		Brown Booby	2	-	84	Kauai.	
	1550	Wedgetail	4	-	88		
		RF Booby	1	-	10		
		Brown Booby	1	-	59		
		Sooty Tern	5	-	50		
	1615	Fairy Tern	3	-	5		
		Sooty Tern	5	-	55		
		Brown Booby	1	-	60		
FLOCK	1700	RF Booby	50	-	60		
		Wedgetail	20	-	108		
		Sooty Tern	20	-	75		
		Frigate	3	-	43	porpoises	
	1725	Albatross Blackfoot	1	-	3	Rain	
	1730	END	1	-	3		

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SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG -- E



C. A. Bullock Cruise 77

DATE 14 Nov. 1964
Pg. # 1
R. L. Stender

	time	species	#	dir.	hgt.	remarks	loc.
	0645					Begin scan in sight off west end	
	0711	Shear Pet.	1	—	1	—	
	0720	Sooty Shear.	1	—	1	—	
	0725	wedgetail	1	—	1	—	
	0745	"	1	—	2	—	
	0750	"	1	—	3	—	
	0755	"	1	—	3	—	
	0755	Sooty Shear	1	—	2	—	
	0810	wedgetail	7	—	10	—	
	0815	Sooty Shear	1	—	3	—	
	0835	Brown Booby	1	—	1	—	
		White Tail TB	1	—	1	—	
	0915	Ha noddy	25	—	25	—	
		wedgetail	3	—	13	—	
Flock	1	Noddy HA.	20	—	45	chasing it for 1 hour no fish.	
		wedgetail	10	—	23	—	
	1000	Brown Booby	1	—	7	—	
	END						
Swell	0200	Noddy Ha.	50	—	95		
		wedgetail	35	—	58		
		RF Booby	3	—	3		
		Brown Booby	2	—	4		
		Sooty Shear	2	—	5		
Flock	1245	White Tail TB	1	—	2		
		Ha Noddy	20	—	115		
		wedgetail	10	—	68		
		Brown Booby	4	—	8		
		RF Booby	1	—	4		
	1300	END					
	1500	wedgetail	3	—	71	North coast of Oahu	
	1530	"	8	—	79		
	1540	wedgetail	1	—	80		
	1550	Sooty Shear	8	—	13		
	1600	wedgetail	5	—	85		
	1	"	7	—	92		
		RF Booby	3	—	7		
	1645	4 Whales	4	—	12		
	1700	RF Booby	5	—	22		
	1715	"	10	—	98		
	1716	wedgetail	6	—	25		
	1730	RF Booby	3	—		Just off Moku Manu	

98
35
129
262

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SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG -- E

C. N. Hallett
(Final Day)

DATE 15 Nov. 1964
Pg. # 1
R. S. Standen

time	species	#	dir.	hgt.	remarks	loc.
0635					Sunrise start	
0700	Wedgetail	3	-	3		
0705	"	2	-	5		
0720	"	3	-	8		
0800	"	20	-	28		
	Noddy Cormorant	1	-	1		
0800	Sooty Shear	5	-		sitting on log	
0815	RF Booby	2	-	5		
0830	Wedgetail	20	-	2		
0900	RF			48		
	RF Booby	25	-	27		
	Wedgetail	30	-	78		
1000	END					

FLOCK

278 WT
27 RF Booby
5 Sooty Shear
1 noddy
111



5151 State College Drive, Los Angeles, California 90032
(San Bernardino and Long Beach Freeways Interchange)
Telephone 225-1631 (Area Code 213)

Department of Geography

25 April 1967

Mae Esterline
Pacific Project
Smithsonian Institution
Washington D. C. 20560

Dear Mae Esterline,

I was not aware that the museum did not have my field notes or the weather data for the November 1964 Cruise of the Charles H. Gilbert. Regarding my field notes which I have at hand at the moment, I assumed they had been Xeroxed along with all the other field notes. There was no official report on the trip because we were never out of sight of land. We did not stop at any port during the trip.

I don't know anything about the weather data since we didn't keep any on either of the Gilbert trips.

I have filled in the map as you requested and will add here some of the particulars.

Stopped off the southwest coast of Oahu on 10 Nov. in the lee of the island for the night.

Moved to the northwest coast on the 11th of Nov. then across the channel to east shore of Kauai (crew wanted to be close enough to the island to get T. V. reception.)

Traversed along the north coast of Kauai in 12th then into the channel between Kauai and Niihau and back to a position just off the southwest coast of Kauai for quiet lee waters and good T. V. again.

On the 13th we ran south of Niihau to Kaula Rock and Island the same place then back along the north side of Niihau and were at the northeast end of it by sunset.

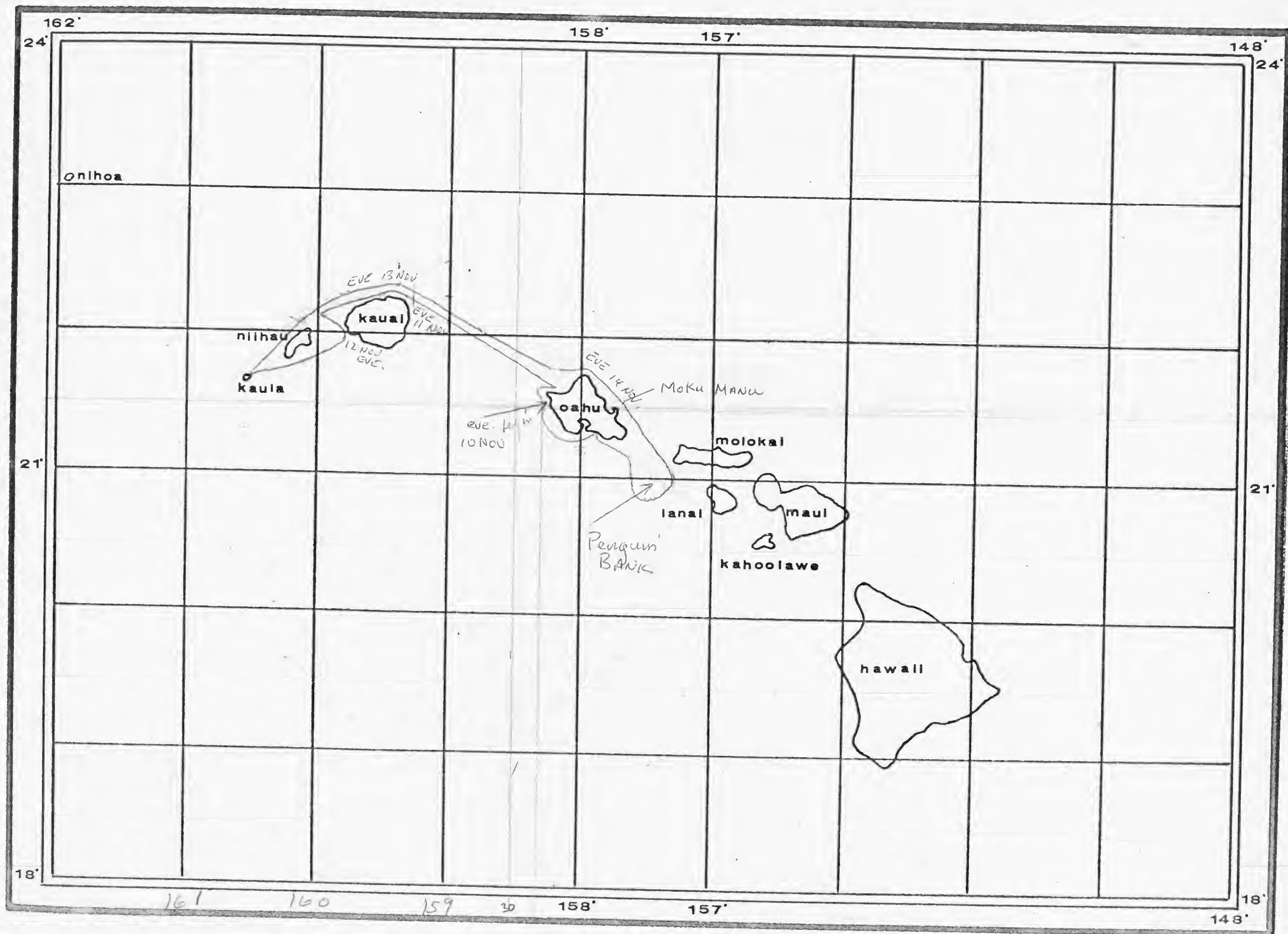
Sunrise of the 14th found us off the Northwest coast of Oahu. Spent entire day on the North side and were off Moku Manu at sunset.

On the 15th we were in the channel between Molokai and Oahu in an area called Penguin bank.

Hard winds had blown since the 20th of October but finally stopped on the 14th of November.

I hope this information will be helpful to you.

Robert S. Standen



Esterline

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Rev. 4-9-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA CLIMATOLOGICAL DATA

DATE 10 Nov 64

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100															
0200															
0300															
0400															
0500															
0600															
0700															
0800															
0900															
1000															
11-15 SW 1100	2118	157-51	12-16	Passer											23 / 6
1200	15	56													27 / 6
1300	15	158-02													37 / 7
1400	18	08													31 / 7
1500	22	12													31 / 7
1600	26	16													31 / 7
1700	21-30	158-20													7
1800															
1900															
2000															
2100															
2200															
2300															
2400															

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES;
WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

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SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA CLIMATOLOGICAL DATA

DATE 11 Nov 64

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100															
0200															
0300															
0400															
0500															
0600															
0700	21-32	158-26													
0800	36	28													
0900	36	20													31 / 10
1000	40	28													05 / 10
1100	44	36													31 /
1200	48	44													
1300	52	158-52													
1400	56	159 00													
1500	00	08													
1600	06	20													
1700	22-12	159-25													
1800															
1900															
2000															
2100															
2200															
2300															
2400															

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES;
WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

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SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA CLIMATOLOGICAL DATA

DATE 12

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100															
0200															
0300															
0400															31 / 02
0500	22-13	157-30													22 / 08
0600	22-15	157-30													
0700	22-10	157-35													
0800	22-00	45													
0900	21-52	50													22 / 08
1000	21-45	55													
1100	45	160-00													
1200	45	160-05													09 / 08
1300	45	55													
1400	45	49													09 / 08
1500	45	51													27 / 03
1600	21-45	43													141
1700	21-50	157-35													
1800	21-55	157-28													
1900	21-57	157-21	rain-light												
2000															
2100															
2200															
2300															
2400															

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES;
WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955b
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SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA CLIMATOLOGICAL DATA

DATE 13 Nov 64

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100															
0200															
0300															
0400															
0500															
0600															
0700	21-40	160-32	Kaula Is (Rock?)												
0800															
0900															
1000															
1100		36													
1200	41	36													
1300	46	16													
1400	51	160-06													
1500	21-50	159-56													
1600	21-53	159-46													
1700	21-56	159-36													
1800	21-57	159-26													
1900															
2000															
2100															
2200															
2300															
2400															

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES;
WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

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SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA CLIMATOLOGICAL DATA

DATE 14 Nov 64

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100															
0200															
0300															
0400															
0500															
0600															
0700			Oahu - west end in sight												
0800															
0900															
1000															
1100															
1200															
1300															
1400															
1500			N. West Oahu												
1600															
1700	21-28	157-43	Moku Manu												
1800															
1900															
2000															
2100															
2200															
2300															
2400															

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES;
WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955b
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SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA CLIMATOLOGICAL DATA

DATE 15 Nov 64

TIME	LAT	LONG	PRES	WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100																
0200																
0300																
0400																
0500																
0600																
0700	10	30		050	2 mi											
0800	20-58	37														
0900	21-06	44														
1000	21-14	157-50														
1100	21-18	157-52														
1200																
1300																
1400																
1500																
1600																
1700																
1800																
1900																
2000																
2100																
2200																
2300																
2400																

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES;
WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS